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[Continued on next page]

(54) Title: DIARYLMETHYLIDENE PIPERIDINE DERIVATIVES, PREPARATIONS THEREOF AND USES THEREOF

(57) Abstract: Compounds of general formula (I): wherein R1, R2, R3, R4, and R5 are as defined in the specification, as well as salts, enantiomers thereof and pharmaceutical compositions including the compounds are prepared. They are useful in therapy, in particular in the management of pain.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

## INTERNATIONAL SEARCH REPORT

In ational Application No PCT/GB2004/000099

| A. CLASS  | SEICATION OF SUBJECT  |  |                             |   | 7 GDZ004/000099   |  |
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| IPC 7   | CO7D211/70  | C07D401/06                             | C07D405/06                  | C07D409/06                                    | C07D417/06  |  |
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|   |   |  | the extent that such doc    | uments are included in                        | the fields searched   |  |
| Electronic o  | lata base consulted during  | the international search               | (name of data bace and      |   | <u> </u>  |  |
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|   | Citation of document, wit   | in indication, where appro             | opriate, of the relevant pa | ssages  | Relevant to claim No.   |  |
| A   | WO 02/09478<br>BROWN WILLI  | 1-13                                   |                             |   |   |  |
|   | ASTRAZEN) Z   | 8 November 20                          | 02 (2002–11–2               | );<br>8)                                      |   |  |
|   | page 1, lin<br>page 2, for  | e / ~ line 8                           |                             | •   |   |  |
|   | page 5, lin   | e 17 – page 6                          | line 27                     |   |   |  |
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| Furthe  | r documents are listed in t   | he continuation of box C.              |                             | Patent family mambans                         | II-1 I  |  |
|   | gorles of cited documents   |  | <u> </u>                    | Patent family members a                       | re listed in annex.   |  |
| A* document defining the general state of the art which is not  |   |  |                             | document published afte                       | r the international filing date                               |  |
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| earlier document but published on or after the International filling date  document which may throw doubts on priority claim(s) or which is cited to establish the published by the published or priority claim(s) or |   |  |                             | nent of particular rolows                     | nce; the claimed invention or cannot be considered to         |  |
|   | cited to establish the public<br>or other special reason (as                |  | UIVOI                       | ve an inventive step whe                      | in the document is taken along                                |  |
| document  | referring to an oral disclos  | specified)<br>Sure, use, exhibition or |                             |   | ice; the claimed invention<br>we an inventive step when the   |  |
| * document  | Diblished prior to the inte   |  |                             | s, such combination bei                       | ne or more other such docu-<br>ng obvious to a person skilled |  |
| ator and  | Tale priority date claimed  |  | 111 416                     | "&" document member of the same patent family |   |  |
| ie oi iue eci   | tual completion of the inten  | national search                        |                             | of mailing of the internati                   |   |  |
|   | July 2004   |  |                             | 14/07/2004                                    |   |  |
| me and mai  | ling address of the ISA<br>European Patent Office                           | PR 5910 Date: " -                      | Author                      | Authorized officer                            |   |  |
|   | European Patent Office,<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, |  |                             |   |   |  |
|   | Fax: (+31-70) 340-3016  |  |                             | Hoepfner, W                                   |   |  |

INTERNATIONAL SEARCH REPORT

| Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)   |
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| Continuation of item 2 of first sheet)   |
| This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:   |
| 1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:   |
| Although claims 9 and 10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.   |
| Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: |
| 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).  |
| Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)   |
| This International Searching Authority found multiple inventions in this international application, as follows:  |
|  |
| 1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.  |
| 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.  |
| 3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:                        |
| 4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:            |
| Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.  |
| POT PCT PCA MAD (a.a. ii' ii'  |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No PCT/GB2004/000099

| Patent document cited in search report |   | Publication<br>date |                            | Patent family member(s)   | Publication date                       |
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